

Fig. 1  
(Prior Art)

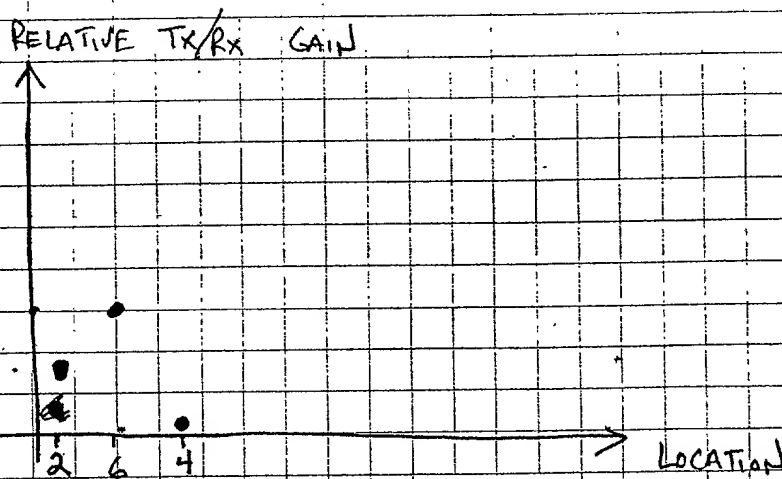
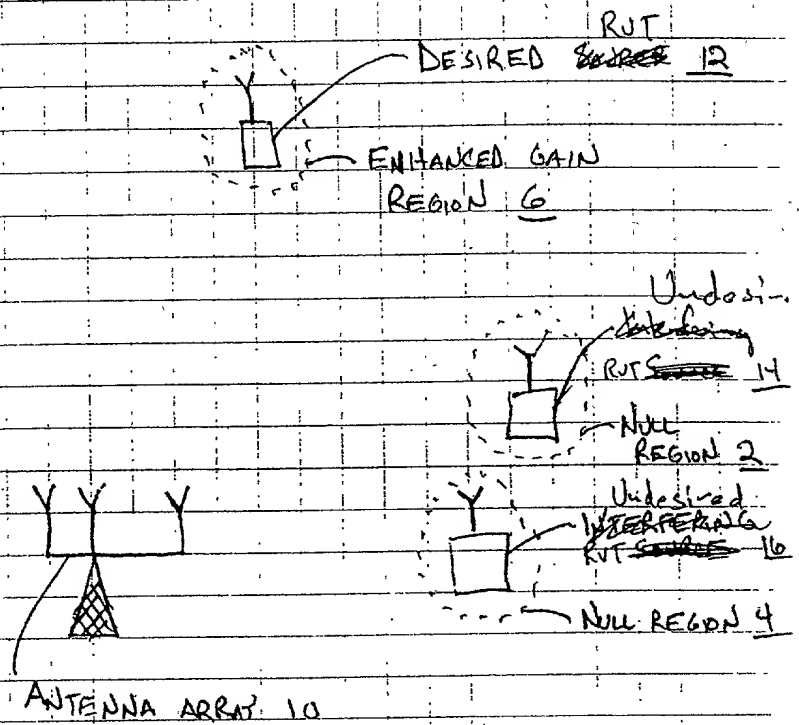


Fig. 1B  
(Prior Art)

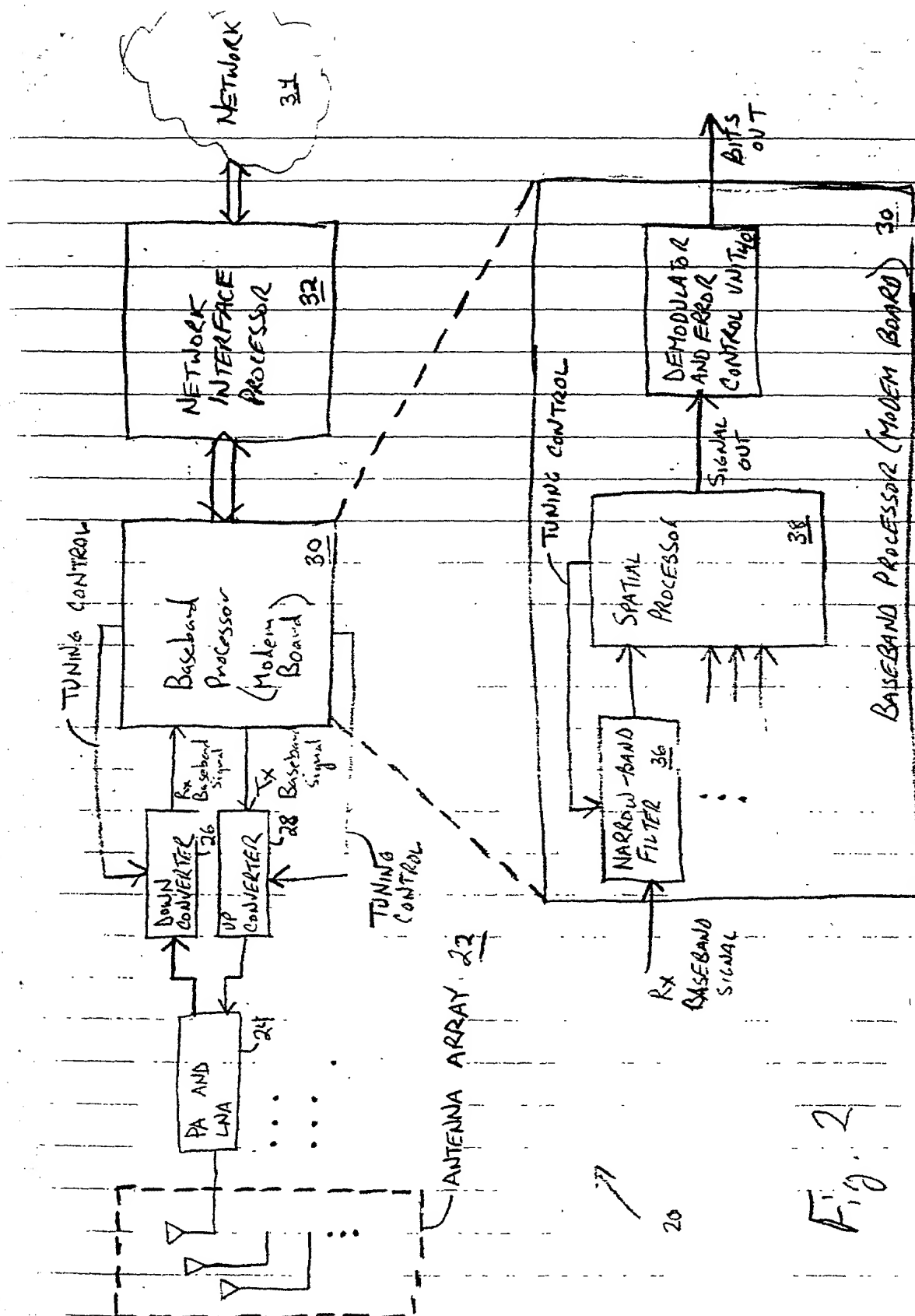


Fig. 2

Fig.  
3A

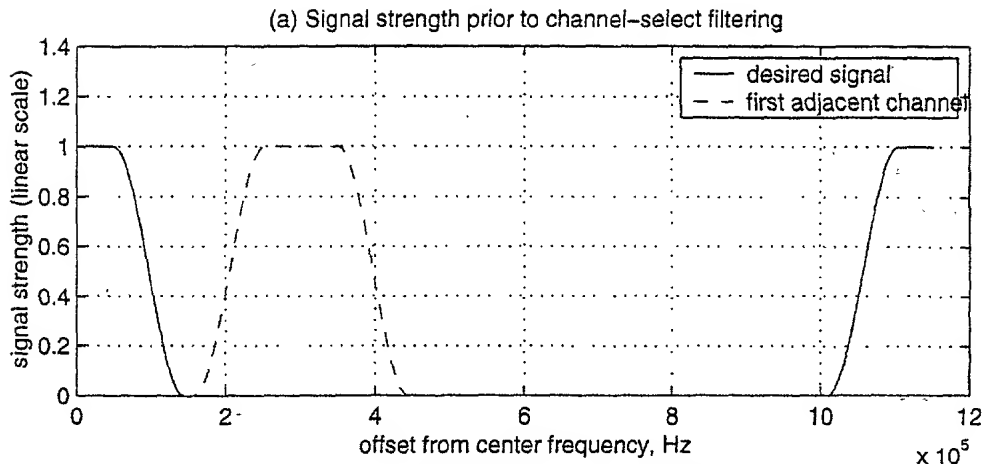


Fig.  
3B

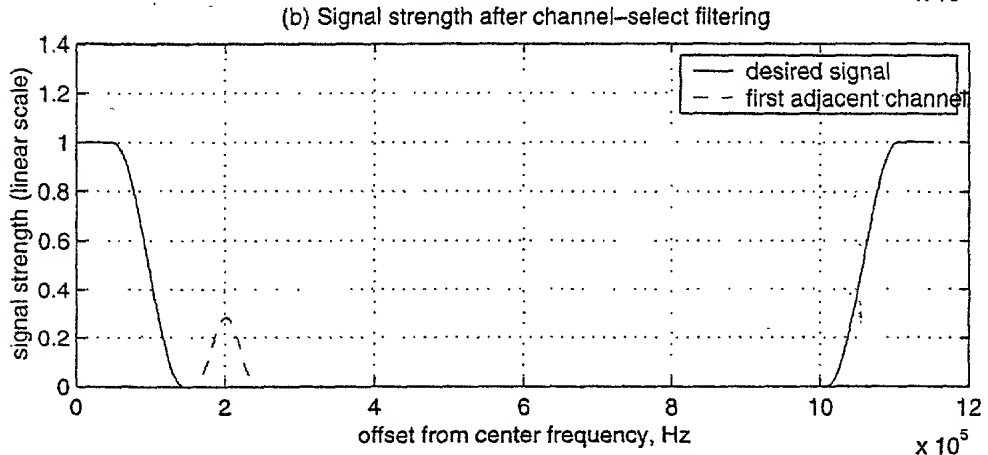
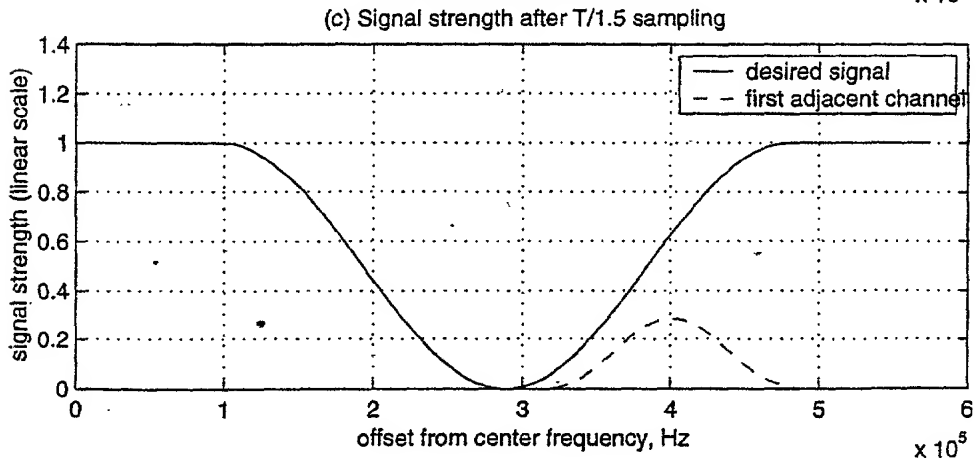


Fig.  
3C



~~Figure 1. Basic method for adjacent channel pulling~~

Fig. 4A

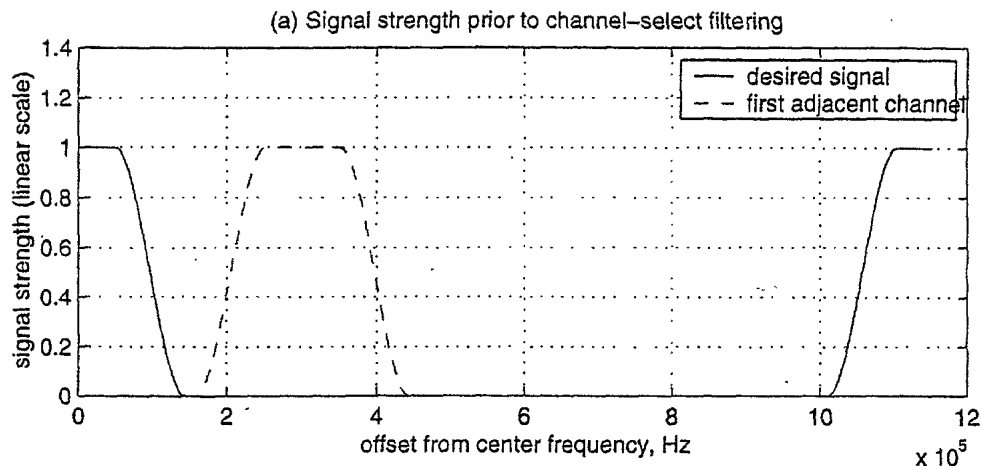


Fig. 4B

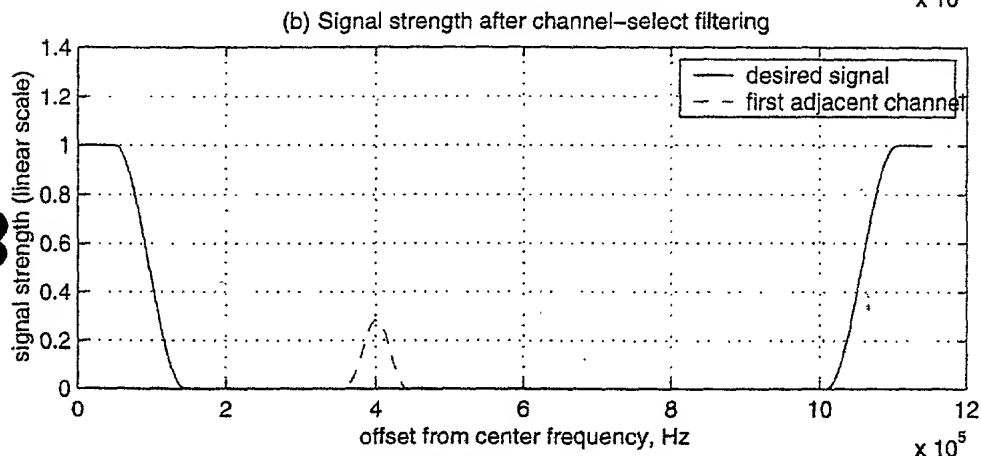
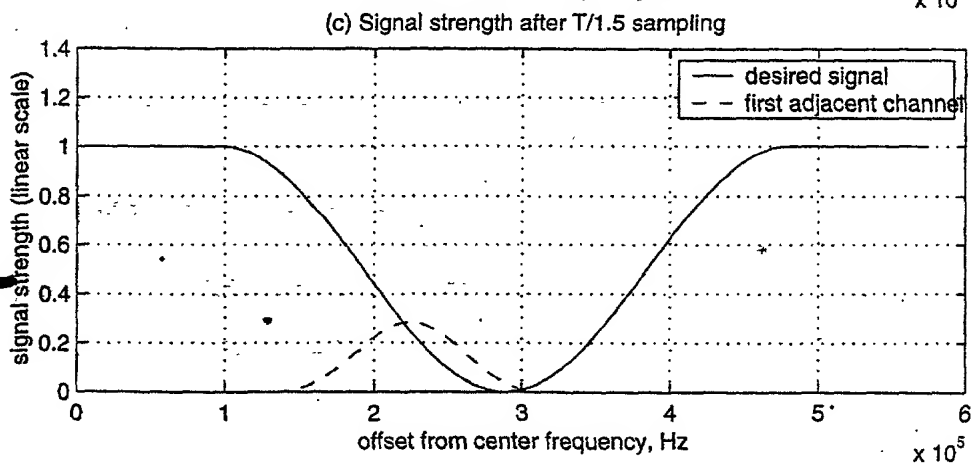
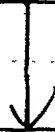


Fig. 4C

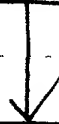


~~Figure 2: Improved method for adjacent channel pulling~~

Utilize a first channel for communicating with a first RUT 60



Determine that a second RUT that utilizes a second channel for communication is susceptible to interference caused by a signal transmitted on the first channel 62



Generate an interference mitigated region at the location of the second RUT when transmitting to the first RUT on the first channel 64

Fig. 5

Determine that transmission  
of at least one downlink  
signal will cause a ghost  
signal at a location 70

Adjust a downlink weight  
to be applied to the downlink  
signal(s) to mitigate the  
effect of the ghost signal  
at the location 72

Transmit the downlink  
signal in accordance  
with the adjusted  
downlink weight 74

Fig. 6